

## REMARKS

Claims 1-38 were pending in this application. Claims 1, 6, 12, 24, 26, 30, and 33-35 have been amended and claims 2, 4, 5, 7, 8, 13, 17, 18, 27, 31, and 32 have been canceled herein. New claims 39-46 have been added. Accordingly, claims 1, 3, 6, 9-12, 14-16, 19-26, 28-30, and 33-46 are currently pending. In view of these amendments and remarks, Applicants respectfully request reconsideration of the claims.

### **I. AMENDMENTS**

Claim 1 was amended to include the limitations of claims 2, 4, and 5. The Examiner had indicated that claim 5 would be allowable if rewritten in independent form. Claim 6 was amended to correct the dependency to claim amended claim 1. Claim 12 was amended to maintain the consistency with the limitations added to claim 1. Claims 24, 30, and 35 were amended to include limitations from claim 5. Claims 26, 33, and 34, were each amended to be consistent with the new amendments to claims 24 and 30. No new matter was added.

### **II. NEW CLAIMS**

Claims 39-46 have been added. The Examiner indicated that at least claims 7, 8, 13, 17, and 18 were allowable. New claims 39-46 include the claim limitations of original claims 7, 8, 9, 13, 15-17, and 18. Claim 39 represents claim 7 rewritten in independent form from which each of new claims 40-46 now depend. As the Examiner admitted that claim 7 is allowable, Applicant asserts that each of claims 40-46 are allowable based on their dependence from claim 39.

### **III. REJECTIONS UNDER 35 U.S.C. § 102**

Claims 1, 2, 4, 24, 25, and 27 are rejected under 35 U.S.C. § 102(e) as being unpatentable over U.S. Publication No. 2003/0148770 issued to Das et al. (hereinafter “*Das*”).

Claims 1-4, 9-11, 15, 16, 19, 20, and 24-29 are rejected under 35 U.S.C. § 102(e) as being unpatentable over U.S. Publication No. 2004/0032910 issued to Horng et al. (hereinafter “*Horng*”).

Claims 30-38 are rejected under 35 U.S.C. § 102(e) as being unpatentable over U.S. Publication No. 2002/0027957 issued to Paulraj et al. (hereinafter “*Paulraj*”).

Claim 1 has been amended to include the limitations of claim 5 including any intervening dependent claims. Claims 24, 30, and 35 have also been amended to reflect limitations present in claim 5. Applicant believes that the limitations from claim 5 that were added to independent claims 24, 30, and 35 make these claims and their dependent claims allowable for the same reasons as the Examiner indicated for claim 5. As claims 1, 24, 30, and 35 now contain each of the claim limitations of claim 5 that the Examiner has indicated as allowable, Applicant asserts that claims 1, 3, 6, 9-12, 14-16, 19-26, 28-30, and 33-38 are patentable over the rejections of record and respectfully requests withdrawal of said rejections.

### **IV. REJECTIONS UNDER 35 U.S.C. § 103**

Claims 9-11, 15, 16, 19, 20, 28, and 29 are rejected under 35 U.S.C. § 103(a) as being unpatentable over *Horng* in view of U.S. Publication No. 2003/0165131 issued to Liang et al. (hereinafter “*Liang*”).

As noted above, claims 1, 24, 30, and 35 are now allowable as including all of the claim limitation of claim 5, which the Examiner has indicated is allowable. Because each of claims 9-11, 15, 16, 29, 20, 28, and 29 depend on independent claims 1 and 24, these claims are also

considered allowable. Applicant respectfully requests the Examiner to withdraw his rejection under 35 U.S.C. § 103 to these claims.

Applicants have made a diligent effort to place the claims in condition for allowance. However, should there remain unresolved issues that require adverse action, it is respectfully requested that the Examiner telephone Ron Neerings, Applicants' Attorney, at 972-917-5299, so that such issues may be resolved as expeditiously as possible. In the event that the enclosed fees are insufficient, please charge any additional fees required to keep this application pending, or credit any overpayment, to Deposit Account No. 20-0668.

Respectfully submitted,

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Date

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